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PATENT RS

7-12-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EL496225922US

Applicant : Thomas J. Quigley et al  
Filed : August 25, 2000  
Title : BURST RECEIVER FOR CABLE MODEM SYSTEM  
Docket No. : 33837/DBP/B600

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
August 25, 2000

Commissioner:

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please add the following new claims:

-- 54. The method of claim 51, additionally comprising filtering the data representative signal. -

-- 55. The method of claim 54, additionally comprising re-sampling the data representative signal. -

-- 56. A method for recovering data symbols transmitted over a cable system, the method comprising:

- converting a transmitted data representative analog signal into a data representative digital signal;
- sampling the data representative digital signal;
- filtering the data representative digital signal with a matched filter;
- sampling the data representative digital signal; and,

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